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ABSTRACT

This publication is the first regular report of the newly-funded Western Interstate Commission for Higher Education (WICHE) Project on Expanding Regional Cooperation in Graduate and Professional Education. Information about approvals terminations, and adjustments in doctoral programs from July 1, 1974 to June 30, 1977 was compiled from a survey of State Higher Education Executive Officers in the 13 western states completed in December 1977. From program changes between July 1, 1974 and December 13, 1976, only the program titles and HEGIS codes are requested. For programs undergoing changes after January 1, 1977 data concerning location, description, enrollment, and degrees conferred were gathered. Data provided by the State Education Agencies are presented with no attempt at analysis or conclusions. The ratio of approved doctoral programs to terminated programs in the West is approximately 3.4 to 1 (from this survey for 1974 to 1977) as compared to the national ratio of 5.9 to 1 (for 1971 to 1976). Other than this observation, no clear patterns of changes in doctoral programs are evident from the summary table. (Author)

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PROJECT ON EXPANDING REGIONAL COOPERATION IN GRADUATE AND PROFESSIONAL EDUCATION

Approved, Terminated, or Adjusted Doctoral Programs at Public Institutions in the Western States

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION

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JANUARY 1978
REPORT NUMBER 78-1

PROJECT ON EXPANDING REGIONAL COOPERATION IN GRADUATE AND PROFESSIONAL EDUCATION

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APPROVED, TERMINATED, OR ADJUSTED DOCTORAL PROGRAMS AT PUBLIC INSTITUTIONS IN WESTERN STATES FOR THE PERIOD JULY 1, 1974 THORUGH JUNE 30, 1977

Report of a WICHE Survey of
State Higher Education Executive Officers

Compiled by
Lilla E. Engdahl, Ph.D.

Funded in Part by the Carnegie Corporation

January 1978

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Project on Expanding Regional Cooperation
in Graduate and Professional Education

Western Interstate Commission for Higher Education
An Affirmative Action/Equal Opportunity Employer

P.O. Drawer P Boulder, Colorado 80302

Acknowledgements

This report Approved, Terminated, or Adjusted Doctoral Programs at Public Institutions in Western States is intended to assist educators by providing regionwide information about doctoral program changes from July 1, 1974 to June 30, 1977. The report would not have been possible without the interest and cooperation of the persons from State Higher Education Agencies who responded to our survey. We extend our thanks to them.

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INTRODUCTION TO THE TABLES

This publication is the first regular report of the newly funded WICHE Project on Expanding Regional Cooperation in Graduate and Professional Education. Information on this report about approvals, terminations, and adjustments in doctoral programs from July 1, 1974 to June 30, 1977 was compiled from a survey of State Higher Education Executive Officers in the thirteen western states completed in December 1977. For program changes between July 1, 1974 and December 13, 1976, only the program titles and HEGIS Codes were requested. For programs undergoing changes after January 1, 1977 data concerning location, description, enrollment, and degrees conferred were gathered. Similar information about doctoral program changes will be collected each January and July (covering the previous six month period) so that current information can be made available regularly to educators in the WICHE region. Future surveys and reports will include information on in-process program review activities (both approvals and terminations).

This report presents information and data provided by the State Higher Education Agencies with no attempt at analysis or conclusions. It should be noted that the ratio of approved doctoral programs to terminated programs in the West is approximately 3.4 to 1 (from this survey for 1974 to 1977) as compared to the national ratio* of 5.9 to 1 (for 1971 to 1976). Other than this observation no clear patterns of changes in doctoral programs are evident from the summary table.

Additional services of this project include: (1) the ad hoc collection of specific program status information in response to requests from State Higher Education Agencies, and (2) the planned publication of an Inventory of Doctoral Programs in the thirteen western states.

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*John W. Ryan, An Inventory of Graduate Programs--1971-76, Special Report No. 12, Washington, D.C.: Council of Graduate Schools in the United States, 1977.

SUMMARY OF DOCTORAL* PROGRAMS IN THE 13 WESTERN STATES
APPROVED, TERMINATED, OR ADJUSTED JULY 1, 1974 THROUGH JUNE 30, 1977

State	July 1, 1974 - June 30, 1975		July 1, 1975 - June 30, 1976		July 1, 1976 - Dec. 31, 1976		Jan. 1, 1976 - June 30, 1977		
	Approved	Terminated	Approved	Terminated	Approved	Terminated	Approved	Terminated	Adjusted
ALASKA	None	None	None	None	None	None	None	None	None
ARIZONA	Music Theory Nursing	None	None	None	Mineral Economics	None	Higher Education (Ph.D. & Ed.D.) Applied Mathematics	None	1977--Cellular & Developmental Biology 1977--Ecology & Evolutionary Biology
CALIFORNIA	Clinical Psychology Computing Sciences	None	Medical Anthropology Energy & Resources Social Ecology Sociology	Criminology	Neurosciences Immunology Library & Information Services	None	Applied Linguistics Mental Health (DPH) Jurisprudence & Social Policy	None	None
COLORADO	Political Science	None	Public Administration (DPA)	None	None	None	None	None	None
HAWAII	None	None	None	None	None	None	None	None	None
IDAHO	None	None	Mechanical Engineering	Agricultural Economics	None	None	None	None	None
MONTANA	None	None	None	None	None	None	None	None	None
NEVADA	None	None	None	None	None	None	Sociology	None	None
NEW MEXICO	None	None	Sociology	None	None	None	None	None	None
OREGON	None	None	Forest Science Urban Studies-Criminal Justice Option Human Genetics	None	None	Home Management Nutrition Metallurgical Engineering	None	None	1976--Consolidated 3 specialized pharmacy programs into Pharmacy
UTAH	Computer Science Pharmacy (Pharm. D.)	None	None	None	Special Education	None	Nursing	None	None
WASHINGTON	Social Welfare	Comparative Psychology (Jan. 1974)	Applied Mathematics	None	None	None	None	Chemistry (Doctor of Arts) at 2 institutions Germanics (Doctor of Arts) Physics (Doctor of Arts)	None
WYOMING	None	None	None	None	None	None	None	None	None

*Ph.D. unless otherwise indicated.

HEGIS Code	Program	State	Date of Action		
			Approved	Terminated	Adjusted
0100	AGRICULTURE AND NATURAL RESOURCES				
0111	Agricultural Economics, Ph.D.	ID		75-76	
0114	Forest Science, Ph.D.	OR	75-76		
0400	BIOLOGICAL SCIENCES				
0417	Cellular and Developmental Biology, Ph.D. University of Arizona, College of Liberal Arts, Department of Cellular and Developmental Biology. The program in Biology was divided into three separate programs of which this is one.	AZ			76-77
0420	Ecology and Evolutionary Biology, Ph.D. University of Arizona, College of Liberal Arts, Department of Ecology and Evolutionary Biology. The program in Biology was divided into three separate programs. This is one of the new programs. The program provides training in basic and applied organismic, evolutionary, and environmental biology.	AZ			76-77
0422	Human Genetics, Ph.D.	OR	75-76		
0424	Nutrition, Ph.D.	OR		76-77	
0425	Neurosciences, Ph.D. Univeristy of California, San Francisco	CA	76-77		
0499	Immunology, Ph.D. University of California, Davis	CA	76-77		
0499	Comparative Physiology, Ph.D. University of Washington	WA		74-75	
0700	COMPUTER AND INFORMATION SCIENCES				
0701	Computing Sciences, Ph.D. University of California, Davis	CA	74-75		
0701	Computer Science, Ph.D. University of Utah	UT	74-75		

HEGIS Code	Program	State	Date of Action		
			Approved	Terminated	Adjusted
0800	EDUCATION				
0805	Higher Education, Ph.D., Ed.D. University of Arizona, College of Education, Department of Higher Education	AZ	76-77		
	Program Description: The program provides both research and applied emphases for administrators, staff officers, or research specialists. It requires competence in statistics and research design. A basic core of courses presents the total field of higher education including all the diverse types and forms of education beyond high school.				
	Justification: Although the number of higher education students and institutions may remain stable, the turnover in administrative and staff positions has been high and may lead to a shortage of adequately trained personnel. The growing complexity of the operations of institutions of higher education also contributes to the need for well-trained personnel in institutional management.				
	Operative: Anticipated number of degrees to be conferred in the first three years--32. Anticipated number of students to be accepted into the program first year 45 second year 15 third year 18				
0808	Special Education, Ph.D. Utah State University	UT	76-77		
0900	ENGINEERING				
0910	Mechanical Engineering, Ph.D.	ID	75-76		
0925	Metallurgical Engineering, Ph.D.	OR		76-77	
1000	FINE AND APPLIED ARTS				
(1003	Art History, Ph.D. -- under review)	OR			
1004	Music Theory, Ph.D. University of Arizona	AZ	74-75		
1100	Foreign Languages				
1103	Germanics, Doctor of Arts University of Washington, College of Arts and Sciences, Department of Germanics	WA		76-77	
	Program Description: The doctoral program, initiated in the fall of 1971, was oriented to the preparation of German instructors for community colleges and senior institutions.				

HEGIS Code	Program	State	Approved	Terminated	Adjusted
1103	Germanics, Doctor of Arts (continued) Justification: Lack of student interest. No new admissions in fall of 1978, phase out of current students. Latest year of operation 1976 with no students enrolled and no degrees conferred in 1976-77.				
1200	HEALTH PROFESSIONS				
1203	Nursing, Ph.D. University of Arizona	AZ	74-75		
1203	Nursing, Ph.D. University of Utah, College of Nursing Program Description: The purpose of the program is to prepare competent researchers and scholars who can make significant contributions to nursing by advancing the theory, research, and scientific-practice base of the nursing discipline. Justification: Currently, there are 24 Ph.D. nurses in Utah and the projected need is for 62 Ph.D. nurses by 1980-81. Operative: Accepted first students in fall of 1977. Anticipated number of degrees to be conferred in first three years--6. Anticipated number of students to be accepted into program first year 6 second year 10 third year 10	UT	76-77		
1211	Pharmacy, Ph.D. Ph.D.s in Pharmaceutical Chemistry, Pharmaceutical Science, Pharmacognosy, Pharmacology and Topicology, and Pharmacy Administation were combined into Pharmacy Ph.D.	OR			76-77
1211	Pharmacy, Doctor of Pharmacy University of Utah	UT	74-75		
1299	Mental Health, Doctor of Mental Hea[illegible] University of California, San Francisco, Department of Psychiatry Program Description: New approach to the training of mental health professionals involving a five-year sequence, the first two years of which is the Master's program in Health and Medical Science at Berkley. The San Francisco segment will provide three years of clinical and related work. Justification: No specific demand figures available. Graduates will be [illegible]lly qualified to practice in HMO's, Community Mental Health Centers, single or group pr[illegible]tice, or for clinical, administrative, or teaching positions in health and educational institutions.	CA	76-77		

HEGIS Code	Program	State	Date of Action		
			Aporoved	Terminated	Adjusted
1299	Mental Health, Doctor of Mental Health (continued)				
	Operative: Winter of 1978. Anticipated number of degrees to be conferred in first three years--10. Anticipated number of students to be accepted into program first year 24 second year 24 third year 24				
1300	HOME ECONOMICS				
1304	Home Management, Ph.D.	OR		76-77	
1400	LAW				
1499	Jurisprudence and Social Policy, Ph.D. University of California, Berkley, School of Law	CA	76-77		
	Program Description: Interdisciplinary and research oriented, with a focus on the relationship between society and its legal system. Designed to prepare scholars and teachers to study law as a basic social institution, to teach within the context of a liberal education and to deal with broad issues of social and legal policy.				
	Justification: No specific supply and demand estimates available. Good possibilities for employment exist as teachers in undergraduate programs, staff members of governmental agencies, members of law school faculties.				
	Operative: Winter of 1978. Anticipated number of student to be accepted into program first year 15 second year 20 third year 25				
1500	LETTERS				
1599	Applied Linguistics, Ph.D. University of California. Los Angeles, Department of Linguistics	CA	76-77		
	Program Description: Joint offering of Department of Linguistics and TESL program designed to reunite the fields of linguistics and practical language instruction with a focus on language acquisition.				
	Justification: 40 academic positions in applied linguistics with fewer than 20 Ph.D.s produced each year. Also designed to prepare researchers and faculty in bilingual education.				

HEGIS Code	Program	State	Date of Action		
			Approved	Terminated	Adjusted
1599	Applied Linguistics, Ph.D. (continued)				
	Operative: Fall of 1977. Anticipated number of students to be accepted into program first year 10 second year 20 third year 30				
1600	LIBRARY SCIENCE				
1601	Library and Information Sciences, Ph.D. University of California, Los Angeles	CA	76-77		
1700	MATHEMATICS				
1703	Applied Mathematics University of Arizona, College of Liberal Arts, Department of Mathematics	AZ	76-77		
	Program Description: An interdisciplinary program which will encourage the application of analytical skills to scientific and applied problems. The program will consist of courses already offered by existing departments. Includes individual studies and dissertation in Applied Mathematics				
	Justification: Observed need in both industry and government for individuals skilled in applied mathematics and a perceived growing need in biological and social sciences for persons skilled in mathematical analysis and modeling.				
	Operative: Fall of 1977. Anticipated number of degrees to be conferred in first three years--3. Anticipated number of students to be accepted into program first year 4 second year 12 third year 18				
1703	Applied Mathematics, Ph.D. University of Washington	WA	75-76		
1900	PHYSICAL SCIENCES				
1902	Physics, Doctor of Arts University of Washington, College of Arts and Sciences, Physics Department	WA			76-77
	Program Description: The doctoral program to prepare teachers of physics for community colleges or for senior colleges, initiated spring 1973.				

HEGIS Code	Program	State	Date of Action		
			Approved	Terminated	Adjusted
1902	Physics, Doctor of Arts (continued)				
	Justification: Lack of student interest. No new admissions fall 1978, phase out of current students. Three students enrolled 1976. No degrees conferred 1976-77.				
1905	Chemistry, Doctor of Arts				
	University of Washington, College of Arts and Sciences, Chemistry Department	WA		76-77	
	Washington State University, College of Sciences and Arts, Chemistry Department	WA		76-77	
	Program Description: Program oriented to the preparation of chemistry instructors for community colleges or senior colleges.				
	Justification: Lack of student interest. No new admissions fall 1978, phase out of current students. 1976 fall enrollment of 0 and no degrees conferred in 1976-77.				
(1913	Atmosphereic Sciences, Ph.D. under review)	OR			
1999	Mineral Economics, Ph.D. University of Arizona	AZ	76-77		
2000	PSYCHOLOGY				
2003	Clinical Psychology University of California, Davis	CA	74-75		
2100	PUBLIC AFFAIRS AND SERVICES				
2102	Public Administration, DPA	CO	75-76		
2104	Social Welfare, Ph.D. University of Washington	WA	74-75		
2200	SOCIAL SCIENCE				
2207	Political Science, Ph.D.	CO	74-75		
2208	Sociology, Ph.D.	NM	75-76		
2208	Sociology, Ph.D. University of Nevada, College of Arts and Science, Sociology Department	NV	76-77		
2209	Criminology, Ph.D. University of California, Berkley	CA		75-76	
2214	Urban Studies, Criminal Justice Option, Ph.D.	OR	75-76		
2299/ 2399	Social Ecology, Ph.D. University of California, Irvine	CA	75-76		

HEGIS Code	Program	State	Date of Action		
			Approved	Terminated	Adjusted
4900	INTERDISCIPLINARY STUDIES				
4999	Medical Anthropology, Ph.D. University of California, Berkley, San Francisco (Joint)	CA	75-76		
4999	Energy and Resources, Ph.D. University of California, Berkley	CA	75-76		
1999	Sociology, Ph.D. University of California, Santa Cruz	CA	75-76		

Description and other details for programs approved, terminated, or adjusted were not collected for program changes made before January 1, 1977.

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WICHE

The Project on Expanding Regional Cooperation in Graduate and Professional Education seeks to contribute to the effectiveness and efficiency of graduate-level education in the West by encouraging and facilitating resource sharing. Project activities include: (1) the development of a data base on graduate education and the capacity for analytic efforts to support planning, and (2) planning activities in six demonstration states to develop new patterns of cooperation and resource sharing at the graduate level.

The Western Interstate Commission for Higher Education (WICHE) is a nonprofit agency created in the 1950s by the governors and legislatures of the 13 western states.

WICHE helps states provide high-quality and cost-effective postsecondary education programs to meet the human resource needs of the states and the education needs of the citizens.

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